

IST239: JavaScript

2025FA Tentative Course Schedule - All Sections

Lead Instructor Contact Info:

Instructor: Beau Sanders

Office: Barton Campus, Building 103, Room 223D

GTC Gmail: sandewbs@my.gvltec.edu (preferred method of contact)

GTC Office Phone: 864-250-8314

Cell: 864-325-7240 (preferred phone; please identify yourself in all texts and voicemail)

Office Hours and Class Schedule (See Note 2): <https://beausanders.org/schedule/>

Unit Tests on Monday through Wednesday during test weeks; proctored by Respondus (Note 4)

Attendance Assignments = (A)

250818

IST239 Tentative Course Schedule (Note 1)

| Unit # | ✓ | Week | Topic/Activity | Due Date |
|--------|---|------|---|----------------------------------|
| Unit 1 | | 1 | Getting Started Tasks; Chapter 1: Introduction to JavaScript | |
| | | | Obtain Textbook and/or Cengage Unlimited | |
| | | | Explore links available in the course | |
| | | | Getting Started Guide for IST239 | |
| | | | Read and Study Chapter 1 | |
| | | | Discussion Topic 1 - Student Introductions | |
| | | | Syllabus Quiz | |
| | | | Virtual Host Confirmation Due (Note 5) | |
| | | | Hands-On Project 1-1: Financial Planning Tips | |
| | | | Hands-On Project 1-3: Order Form | |
| | | | Hands-On Project 1-5: Closing Post - Debugging Challenge | |
| | | | Chapter 1 Quiz (A) | |
| | | | Participation (Note 6) | |
| | | 1 | All Chapter 1 Course Content Due | Sunday, August 31, 2025 |
| | | 2 | LABOR DAY - Monday, September 1st - GTC Closed - No Classes | |
| Unit 1 | | 2 | Chapter 2: Working with Functions, Data Types, and Operators | |
| | | | Read and Study Chapter 2 | |
| | | | Hands-On Project 2-1: Temperature Converter | |
| | | | Hands-On Project 2-3: Mouse Movement | |
| | | | Hands-On Project 2-5: Calculator - Debugging Challenge | |
| | | | Chapter 2 Quiz (A) | |
| | | | Discussion Topic 2 | |
| | | | Participation (Note 6) | |
| | | 2 | All Chapter 2 Course Content Due | Sunday, September 7, 2025 |
| Unit 1 | | 3 | Chapter 3: Building Arrays and Controlling Flow | |
| | | | Read and Study Chapter 3 | |
| | | | Hands-On Project 3-1: Lunch Selections | |
| | | | Hands-On Project 3-3: IMDb Top Movie List | |
| | | | Hands-On Project 3-5: Cell Phone Sales - Debugging Challenge | |

IST239 Tentative Course Schedule (Note 1)

| Unit # | ✓ | Week | Topic/Activity | Due Date |
|---------------|---|----------|--|-----------------------------------|
| | | | Chapter 3 Quiz (A) | |
| | | | Discussion Topic 3 | |
| | | | Participation (Note 6) | |
| | | 3 | All Chapter 3 Course Content Due | Sunday, September 14, 2025 |
| | | 4 | Unit 1 Test: Covers Chapters 1, 2, and 3 (Note 4) | Mon Sep 15 to Wed Sep 17 |
| Unit 2 | | 4 | Chapter 4: Debugging and Error Handling | |
| | | | Read and Study Chapter 4 | |
| | | | Hands-On Project 4-1: Moving Estimate | |
| | | | Hands-On Project 4-3: Book Review Comment | |
| | | | Hands-On Project 4-5: Angle/Circle Radian Converter - Debugging Challenge | |
| | | | Chapter 4 Quiz (A) | |
| | | | Discussion Topic 4 | |
| | | | Participation (Note 6) | |
| | | 4 | All Chapter 4 Course Content Due | Sunday, September 21, 2025 |
| Unit 2 | | 5 | Chapter 5: Creating a Web App Using the Document Object Model (DOM) | |
| | | | Read and Study Chapter 5 | |
| | | | Hands-On Project 5-1: Algebra I Practice Quiz | |
| | | | Hands-On Project 5-3: Constitution Amendments | |
| | | | Hands-On Project 5-5: Concentration Game - Debugging Challenge | |
| | | | Chapter 5 Quiz (A) | |
| | | | Discussion Topic 5 | |
| | | | Participation (Note 6) | |
| | | 5 | All Chapter 5 Course Content Due | Sunday, September 28, 2025 |
| Unit 2 | | 6 | Chapter 6: Enhancing and Validating Forms | |
| | | | Read and Study Chapter 6 | |
| | | | Hands-On Project 6-1: Create Your Account | |
| | | | Hands-On Project 6-3: Checkout | |
| | | | Hands-On Project 6-5: Registration Page - Debugging Challenge | |
| | | | Chapter 6 Quiz (A) | |
| | | | Discussion Topic 6 | |
| | | | Participation (Note 6) | |
| | | 6 | All Chapter 6 Course Content Due | Sunday, October 5, 2025 |
| | | 7 | Unit 2 Test: Covers Chapters 4, 5, and 6 (Note 4) | Mon Oct 6 to Wed Oct 8 |
| Unit 3 | | 7 | Chapter 7: Manipulating Data in Strings, Arrays, and Other Objects | |
| | | | Read and Study Chapter 7 | |
| | | | Hands-On Project 7-1: Create Your Account II | |
| | | | Hands-On Project 7-3: Countdown to the New Year | |
| | | | Hands-On Project 7-5: Word Distribution Analysis - Debugging Challenge | |
| | | | Chapter 7 Quiz (A) | |
| | | | Discussion Topic 7 | |
| | | | Participation (Note 6) | |
| | | 7 | All Chapter 7 Course Content Due | Sunday, October 12, 2025 |
| Unit 3 | | 8 | Chapter 8: Creating Customized Objects, Properties, and Methods | |
| | | | Read and Study Chapter 8 | |

IST239 Tentative Course Schedule (Note 1)

| Unit # | ✓ | Week | Topic/Activity | Due Date |
|---------------|---|-----------|---|---------------------------------|
| | | | Hands-On Project 8-1: Timer | |
| | | | Hands-On Project 8-3: Build a Pizza | |
| | | | Hands-On Project 8-5: Spassky Applauds Fisher - Debugging Challenge | |
| | | | Chapter 8 Quiz (A) | |
| | | | Discussion Topic 8 | |
| | | | Participation (Note 6) | |
| | | 8 | All Chapter 8 Course Content Due | Sunday, October 19, 2025 |
| | | 9 | FALL BREAK - Mon Oct 20 and Tue Oct 21 - No Classes at GTC | |
| Unit 3 | | 9 | Chapter 9: Managing State and Information Security | |
| | | | Read and Study Chapter 9 | |
| | | | Hands-On Project 9-1: Shopping Cart | |
| | | | Hands-On Project 9-3: SBLogger | |
| | | | Hands-On Project 9-5: Your Shopping Cart - Debugging Challenge | |
| | | | Chapter 9 Quiz (A) | |
| | | | Discussion Topic 9 | |
| | | | Participation (Note 6) | |
| | | 9 | All Chapter 9 Course Content Due | Sunday, October 26, 2025 |
| | | 10 | Unit 3 Test: Covers Chapters 7, 8, and 9 (Note 4) | Mon Oct 27 to Wed Oct 29 |
| Unit 4 | | 10 | Chapter 10: Programming with Event Objects and Third-Party APIs | |
| | | | Read and Study Chapter 10 | |
| | | | Hands-On Projects 10-1, 10-3, and 10-5 Due | |
| | | | Hands-On Project 10-1: Jigsaw Puzzle | |
| | | | Hands-On Project 10-3: Boulder Cycling Routes | |
| | | | Hands-On Project 10-5: Today's Crossword - Debugging Challenge | |
| | | | Discussion Topic 10 | |
| | | | Participation (Note 6) | |
| | | 10 | All Chapter 10 Course Content Due | Sunday, November 2, 2025 |
| Unit 4 | | 11 | Chapter 11: Managing Data Requests with AJAX and Fetch | |
| | | | Read and Study Chapter 11 | |
| | | | Hands-On Project 11-1: Astronomy Picture of the Day | |
| | | | Hands-On Project 11-3: Wizard Works View Your Order History | |
| | | | Hands-On Project 11-5: Welcome to the SF Control Room - Debugging Challenge | |
| | | | Chapter 11 Quiz (A) | |
| | | | Discussion Topic 11 | |
| | | | Participation (Note 6) | |
| | | 11 | All Chapter 11 Course Content Due | Sunday, November 9, 2025 |
| Unit 4 | | 12 | Chapter 12: Introduction to jQuery | |
| | | | Read and Study Chapter 12 | |
| | | | Hands-On Project 12-1: Wildlife Sea Cruises | |
| | | | Hands-On Project 12-3: Apple Bavarian Torte | |
| | | | Hands-On Project 12-5: User Form - Debugging Challenge | |
| | | | Chapter 12 Quiz (A) | |
| | | | Discussion Topic 12 | |
| | | | Final Project - Progress Report 1 | |

IST239 Tentative Course Schedule (Note 1)

| Unit # | ✓ | Week | Topic/Activity | Due Date |
|--------|---|------|--|---------------------------|
| | | | Participation (Note 6) | |
| | | 12 | All Chapter 12 Course Content Due | Sunday, November 16, 2025 |
| Unit 4 | | 13 | Course Wrap-Up, Work on Final Exam Project, and Preparation for Written Final Exam | |
| | | | Discussion Topic 13 (A) | |
| | | | Participation (Note 6) | |
| | | 13 | All Week 13 Course Content Due | Sunday, November 23, 2025 |
| | | 14 | THANKSGIVING HOLIDAY - Wed Nov 26 to Sat Nov 29 - GTC Closed - No Classes | |
| | | 14 | Final Project - Progress Report 2 (A) | |
| | | 14 | All Week 14 Course Content Due | Sunday, November 30, 2025 |
| | | 15 | Final Exam Project Due - (A) 10% of Course Grade | Sunday, December 7, 2025 |
| Exam | | 16 | IST239 Final Exam (Note 4) (Requires Respondus) Covers Course Content from ALL Units (A) 20% of Course Grade | Mon Dec 8 to Wed Dec 10 |

(A) = Required Attendance Assignment

IMPORTANT NOTES:

- 1 It is important to check the course electronic **Calendar** weekly in Blackboard. The dates shown above are tentative and are for planning purposes only. The dates can be changed by the instructor at any time. Check the course electronic **Calendar** in Blackboard for the actual dates.
- 2 Check the instructor's posted office hours at <https://beausanders.org/schedule> online. Please make an appointment if you want to meet with your instructor during his office hours.
- 3 **Instructor's Website:** <https://beausanders.org/IST239>
Download Lecture Slides and other course information
Username = ist239
Password = expressions
- 4 **Unit Tests and the Final Exam in IST239** will be scheduled Monday, Tuesday, and Wednesday each test week and Final Exams week, except for section specific exceptions that are marked with an asterisk (*). All Unit Tests and the Final Exam will be taken at home and proctored by Respondus Lockdown Browser with Monitoring.
- 5 **Students in IST239 will be provided a virtual host to use for all labs in this class.** The student's virtual host is on a server administered by the instructor. Any IST239 student that needs technical support for their assigned virtual host should contact the instructor.

IST239 Tentative Course Schedule (Note 1)

| Unit # | ✓ | Week | Topic/Activity | Due Date |
|--------|---|------|----------------|----------|
|--------|---|------|----------------|----------|

6 Participation Requirement

Zoom Classes and Online Classes:

All students who attend the virtual in-person Zoom class session will automatically get full participation credit for the week. For students who did not attend the weekly lesson.

1. Follow the Yuja link that contains the lecture recordings.
2. Watch all recordings for the current unit.
3. All videos must be watched entirely through the end. This information is tracked.

Note: Viewing the videos in the course from other non-Yuja sources will not count towards the weekly Participation grade. Watching the unit videos does not count as attendance for the virtual in-person Zoom meeting portion of the week.

Traditional Face-to-Face Classes:

All students who attend a traditional face-to-face class in a classroom will automatically get full participation credit for the week. If a traditional class student does NOT attend class, then they must watch the complete Lecture Video using the Yuja link in this class to get Participation credit. Watching the Lecture Video will NOT count for attendance for traditional class students.

1. Follow the Yuja link that contains the lecture recordings.
 2. Watch all recordings for the current unit.
 3. All videos must be watched entirely through the end. This information is tracked.
-